



SOLUTION OVERVIEW

**Grow your community of riders.**

We're reimagining intelligent  
transit technology.

## ABOUT US

Vontas helps transit agencies simplify operations, create efficiencies, improve performance, and positively impact their service delivery to customers through technology innovation.

**Everybody On, with Vontas.**

The Vontas OnTransit suite of technology solutions help today's agencies deliver an exceptional, reliable, and modern experience that builds trust and attracts more riders. From bus and rail service to fare collection and yard management, Vontas helps you bring the promise of intelligent transportation to your communities.

Vontas was created as a new business division of Trapeze Group to focus on Intelligent Transportation Solutions (ITS) to innovate technology and meet our customers' needs. We combine the agility of a successful start-up with the performance record of a trusted name in transit.

As part of the Modaxo family of companies, Vontas is in a unique position to help transit agencies across departments and systems. Vontas OnTransit integrates with other Modaxo companies and third-party partner solutions to give an agency a 360-degree view of their entire operation.



# Vontas OnTransit

Vontas OnTransit is a configurable solution for ITS, Yard Management and Payments that integrates on-vehicle devices and systems to connect and communicate with one another almost immediately. Our core Vontas OnTransit components include Vontas OnRoute for bus ITS, Vontas OnTrack for rail ITS, Vontas OnSite for Yard Management, and Vontas OnBoard for payment and ticketing.

Vontas OnTransit helps agencies simplify transit operations, create efficiencies, improve performance and positively impact their service delivery to customers through technology innovation.



**Solutions expand with your agency**



**Cloud or on-premise technology – it's your choice**

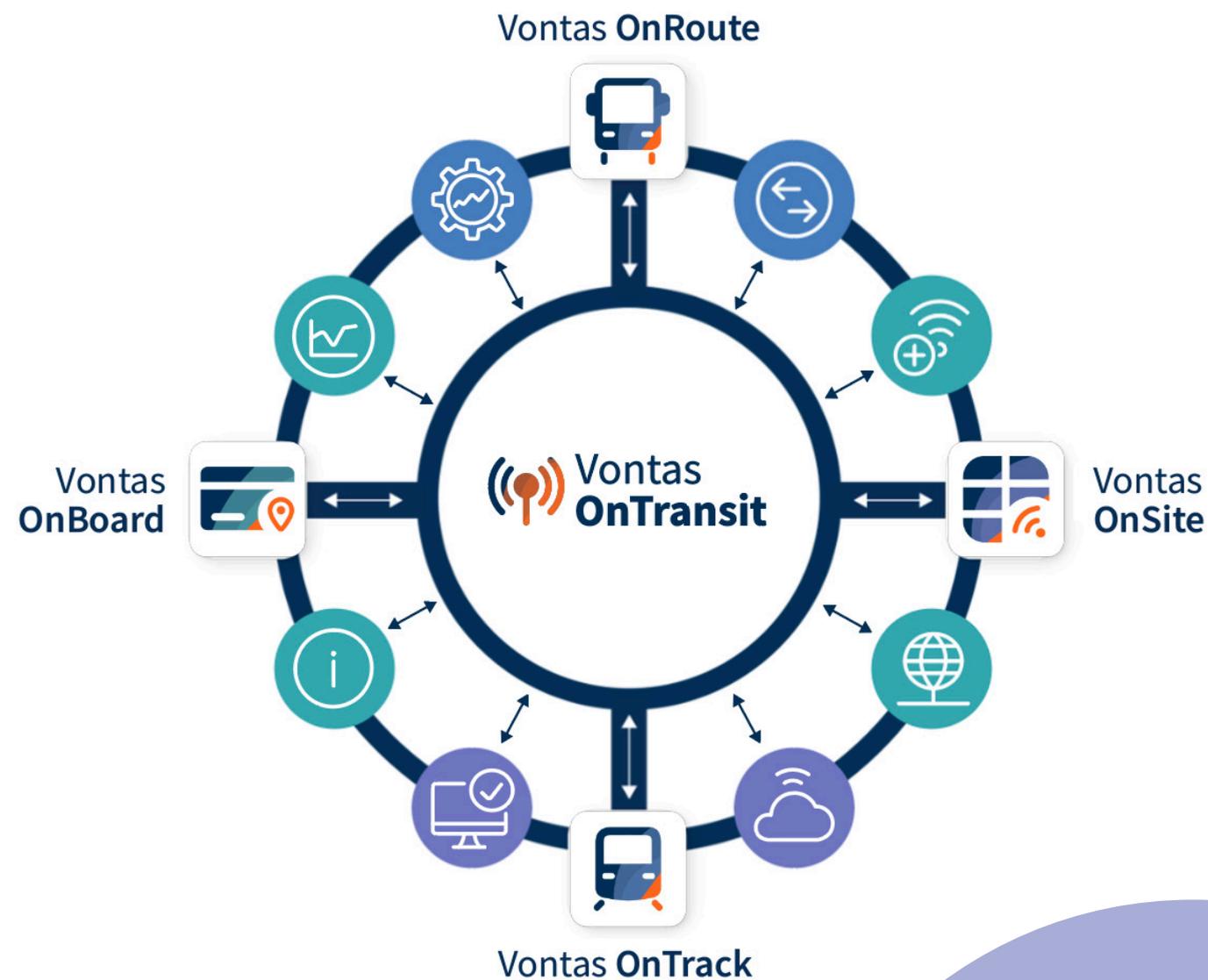


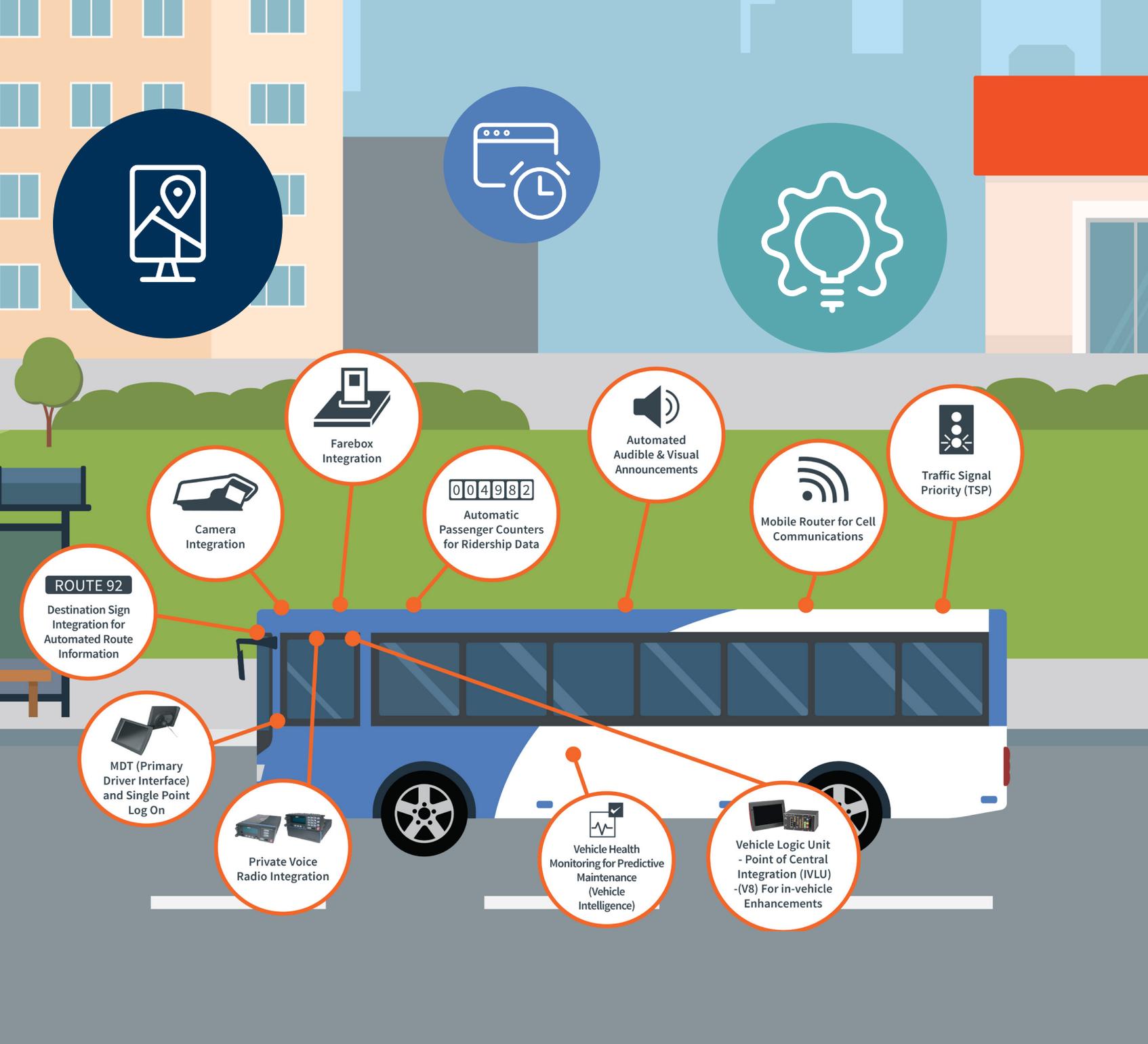
**Eliminate vendor lock-in and proprietary integrations**



**Configure your solution using role-based needs and workflow**

**Everybody On, with Vontas.**





## Vontas OnRoute

Take your bus operations to new levels of efficiency and performance.

Vontas OnRoute has an integrated toolset that provides bus locations at all times with restoration tools that are tailored to your service. Tools such as:

- Dynamic Re-routing
- Zero Emissions
- Enhanced Predictions
- Device Management
- Route creation on the fly
- Multi-lingual TTS Support
- Real-time communications
- IDS Administration

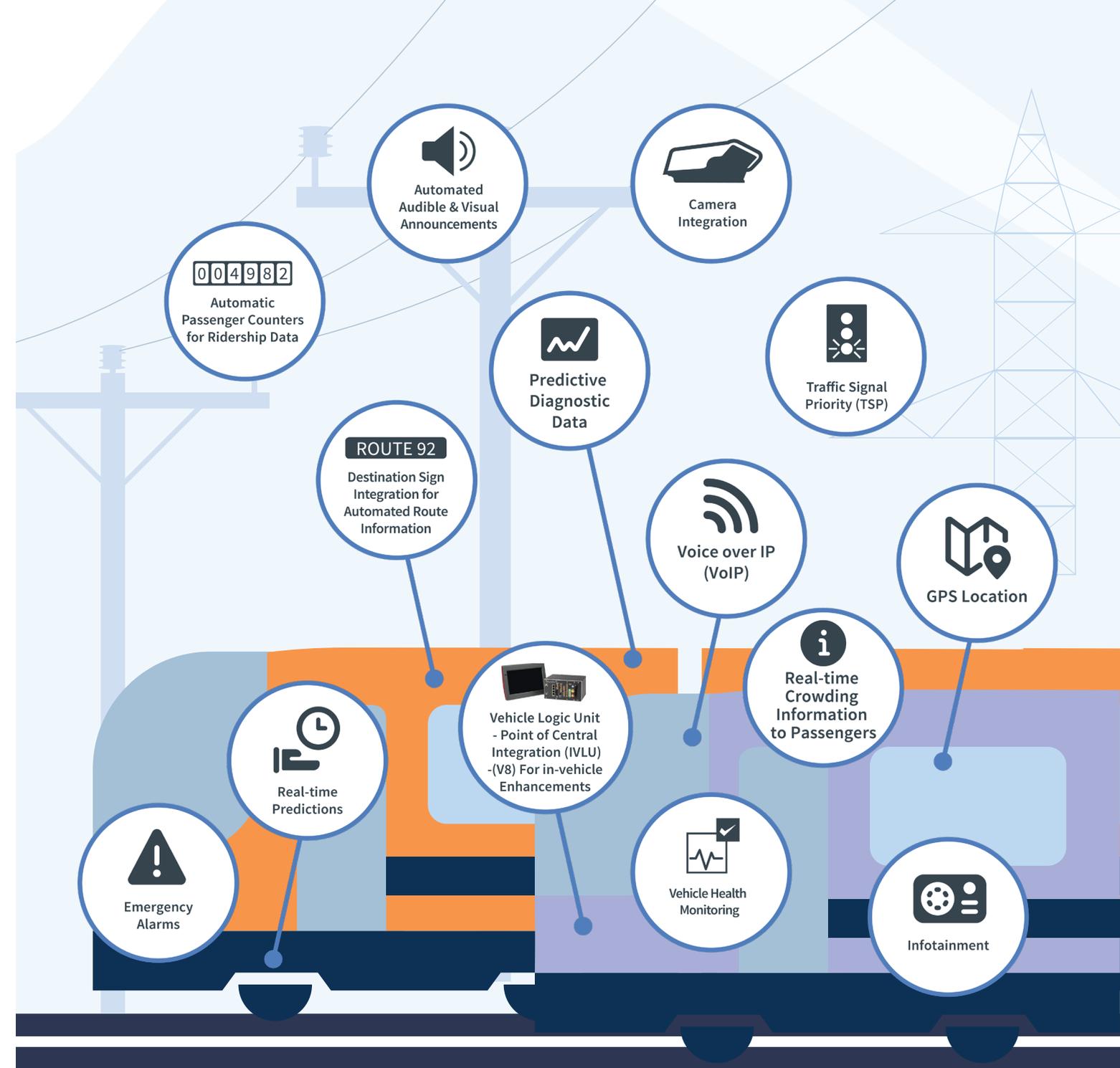
With Vontas OnRoute, you can **improve response times** while keeping your riders informed and satisfied.



# Vontas OnTrack

Scalable, modular, on-board hardware for your railroad.

Vontas OnTrack creates a continuous, real-time data connection between vehicles, operators, and the back office. This data is vital for daily operations and leads to informed decisions that ensure your railroad stays on the right track. The only system equipped with Intelligent Decision Support (IDS), Vontas helps you to maximize and automatically prioritize events, decide workflow for scenario management, and deliver external data.





## Vontas OnBoard

Brings you to the forefront of fare payment while providing flexible options that take the complexity out of fare collection and management.

- Simplify rider transactions
- Reduce fare payment collection costs
- Create integrated payments across multimodal networks
- Increased convenience for cash riders



## Vontas OnSite

Automated yard management for bus & rail.



Vontas OnSite ensures you know where your vehicles are in the yard in real-time.



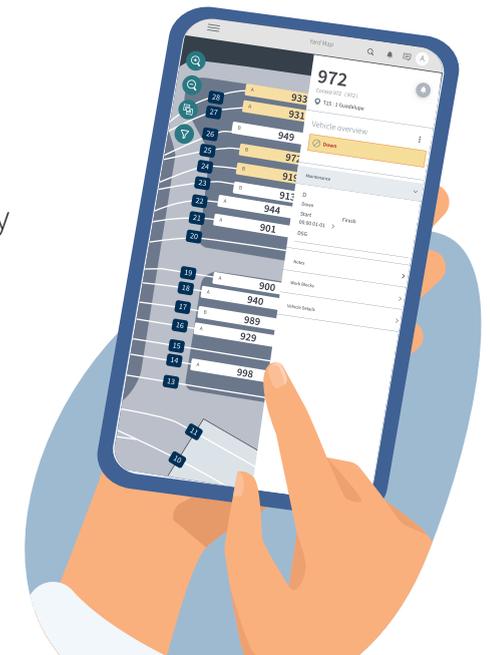
OnSite provides at-a-glance awareness of fleet status.



Automated manual processes like yard walks, data entry, and parking.

Vontas OnSite combines real-time vehicle location in the garage with information from maintenance and workforce management systems.

- Real-time vehicle location using UWB technology
- Integrate with dispatch & maintenance
- Automated parking assist



# IN-VEHICLE TECHNOLOGY

MDT



Vehicle Simulator



V8



Infotainment



**With Vontas OnTransit, in-vehicle devices and systems connect and communicate with one another almost immediately** – exchanging data and information without friction – even if they were manufactured by different vendors.

Integrate all onboard devices for single-point log-on, aggregation of data, and sharing AVL data to streamline your operations

Help drivers communicate more efficiently with dispatch and get timely performance feedback with large, color touchscreen MDTs

Optimize routes at busy intersections and improve spacing of buses by requesting signal priority in real-time

Provide vehicle operators with visual and audio instructions including turn-by-turn during detours and ad hoc routes

Provide real-time onboard content to enhance the passenger journey

Remotely manage your in-field devices and get faster, more efficient software installs, upgrades and configuration changes

# INTEGRATION



And many others.

At Vontas we believe that no one business can do everything perfectly. Our focus is to bring best-in-breed partners for every opportunity with every customer.

With the Vontas OnTransit standard interface, there is no longer a need for vendor-specific integration to the on-board computer. Transit agencies and operators can specify ITxPT certified functionality when purchasing new or upgrading their systems reducing integration costs and increasing deployment speed.



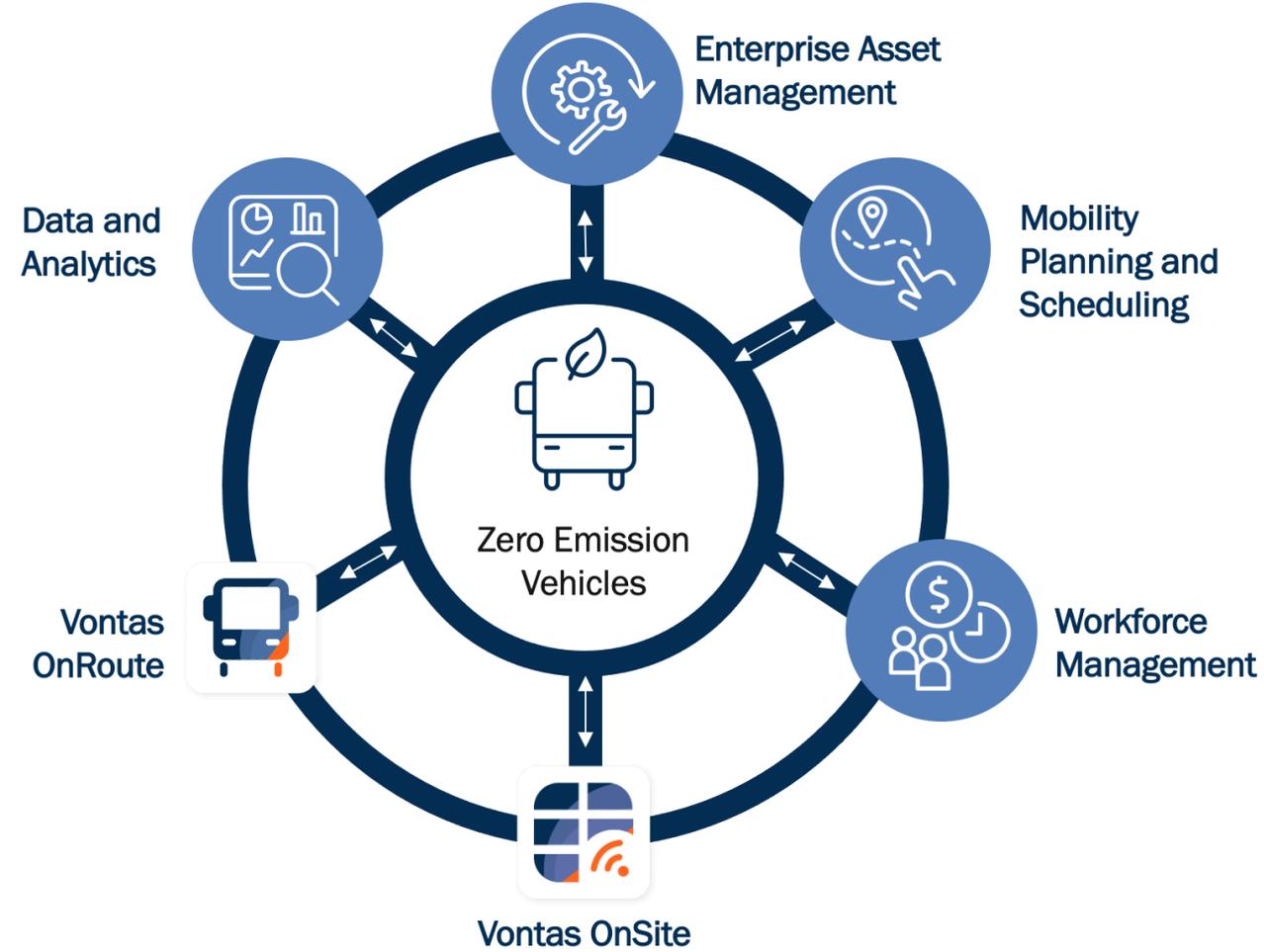
# ZERO EMISSION VEHICLES

Vontas' innovative Zero Emission Vehicle management solutions help bus and rail agencies go green with support for low-no emission vehicles of all types. We're committed to easing the transition away from fossil fuels in transit and making sure all your systems support you along the way.

- ✓ Mixed Fleet Monitoring
- ✓ Real-time battery utilization forecasting
- ✓ Low battery alarms for dispatch
- ✓ ZEV assignment based on range prediction
- ✓ MDT charge monitoring for drivers

# 360 VISION

## Vontas Zero Emission



## CLOUD OR ON-PREMISE TECHNOLOGY – IT'S YOUR CHOICE

Agencies can choose an on-premise or in the cloud solution with Vontas OnTransit.

With native cloud-based applications agencies will have a flexible business environment to respond quickly and more effectively when change happens for continued success. Agility is the key to protecting service levels and implementing an agency's vision of what transit should be for their community.



### Not ready for the cloud?

An on-premise solution allows agencies to control their own server and security standards through their IT department.



# Modaxo

**Bringing together technology businesses  
passionate about moving the world's people.**

The Modaxo name and brand is inspired by movement and mobility across all modes of people transportation. Modaxo symbolizes the desire to provide modern real-world solutions that enable the daily movement of people and provide access to our communities.

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#WeAreModaxo

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Connect with our Experts

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